In the Claims:

1. (Currently Amended) ~~Housing~~ A housing for electrical high-power-components, the housing comprising:

~~with~~ a carrier platform ~~(1)~~ made from a fiber-composite material containing a reinforcing glass fiber ~~component,~~ component; and

at least one cover ~~(2)~~ connected rigidly to the carrier platform,

wherein the reinforcing glass fiber component in the fiber-composite material is selected so that its thermal coefficient of longitudinal expansion deviates, in terms of magnitude, by a maximum of 30% from that of a material of the at least one cover ~~of the material~~.

2. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which the thermal coefficient of longitudinal expansion of the fiber-composite material deviates, in terms of magnitude, by a maximum of 20% from that of the material of the at least one cover.

3. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which the thermal coefficient of longitudinal expansion of the fiber-composite material deviates, in terms of magnitude, by a maximum of 10% from that of the material of the at least one cover.

4. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which ~~the~~ a weight percent of reinforcing glass fibers lies between ~~50~~ 50% and 90%.

5. (Currently Amended) ~~Housing~~ The housing according to Claim 4, in which the reinforcing glass fiber component lies between ~~60~~ 60% and 75% of the fiber-composite material.

6. (Currently Amended) ~~Housing~~ The housing according to Claim 1, wherein the at least one cover ~~(2) is composed of~~ comprises metal.

7. (Currently Amended) ~~Housing~~ The housing according to Claim 1, wherein the the at least one cover ~~(2)~~ seals with the carrier platform in at least one area.

8. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which the at least one cover ~~(2)~~ extends into a first recess ~~(18)~~.

9 (Currently Amended) ~~Housing~~ The housing according to Claim 1, ~~in which~~ further comprising attachment tabs ~~(21)~~, ~~which~~ each attachment tab featuring ~~feature~~ at least one bore ~~(22), are~~ formed on ~~the~~ a side of the carrier platform, wherein ~~(1); in which~~ the carrier platform ~~(1)~~ has openings, and wherein ~~openings; in which the~~ attachment elements ~~(99) are provided, which~~ connect the openings of the carrier platform ~~(1)~~ to the corresponding at least one bore ~~bores (22)~~ of the attachment tabs ~~(21)~~.

10. (Currently Amended) ~~Housing~~ The housing according to Claim 1, ~~in which~~ further comprising at least one ~~fourth~~ recess ~~(110)~~ for holding high-power components ~~is provided~~ in the carrier platform ~~(1)~~.

11. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which inserts ~~(18c)~~ in the form of sockets for holding attachment elements are installed in at least one side wall of the carrier platform ~~(1)~~, wherein the axes of the sockets run parallel to the base of the carrier

platform ~~(1),~~ and wherein the side wall of the carrier platform ~~(1)~~ runs perpendicular to its base in ~~the~~ an area of the sockets.

12. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which openings ~~(93)~~ for holding electrical feedthrough sockets between [[the]] inside and outside of the housing are formed in the carrier platform ~~(1)~~.

13. (Currently Amended) ~~Housing~~ The housing according to Claim 1, ~~in which~~ further comprising a ~~fourth~~ recess ~~(110)~~ for holding high-power components [[is]] provided in a center area of the carrier platform ~~(1) in the center area~~.

14. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which at least one opening for attaching high-power components is provided in at least one cover wall.

15. (Currently Amended) ~~Housing~~ The housing according to Claim 1, in which at least one impregnating opening ~~(8)~~ is provided in a side wall or end wall of the cover ~~(2).~~

16. (Currently Amended) ~~Housing~~ A housing for high-power components, the housing comprising:

~~which has~~ two parallel mounting planes, containing two plastic platforms ~~(1', 1d)~~, which correspond to the mounting planes and which are made from a fiber-composite material and a jacket ~~(2d)~~ arranged between the plastic platforms and connected rigidly to these platforms,

wherein openings ~~(93)~~ for holding electrical feedthrough sockets are formed in each plastic platform ~~(1', 1d)~~, and

wherein ~~the~~ a reinforcing glass fiber component in each plastic platform ~~(1', 1d)~~ is set so that ~~the~~ its coefficient of longitudinal expansion of the plastic platform deviates, in terms of magnitude, by $\beta < 30\%$ of that of ~~the~~ a cover ~~(2)~~.

17. (Currently Amended) ~~Module~~ A module with a housing according to Claim 16, ~~in which~~ further comprising capacitors ~~(C) are~~ mounted in the housing.

18. (Currently Amended) ~~Module~~ The module according to Claim 17, in which three-phase chokes are mounted in the housing.

19. (Currently Amended) ~~Module~~ The module according to Claim 17, in which the openings ~~(93)~~ are designed for holding electrical feedthrough sockets for ribbon cables.

20. (Currently Amended) ~~Module~~ The module according to Claim 17, in which external contacts ~~(92)~~ are provided in the form of plug clips, attachment tabs, a plug pin, or threaded bolt.

21. (Currently Amended) ~~Module~~ The module according to Claim 17, in which ~~the~~ an electrical connection ~~(92a)~~ of each capacitor forms a contact with several external contacts ~~(92)~~ of the ~~module~~ housing.